

Remarks/Arguments

Claims 8 - 13 have been added. These claims fall within the group elected species and are readable on Figure 1.

Claims 1 - 13 are pending in the application. Claims 3, 4, 6 and 7 are drawn to a non-elected species.

Claims 1, 2 and 5 were rejected under 35 U.S.C. §102(b) as being anticipated by Stouffer (US 4,508,267), and this ground of rejection is respectfully traversed. Stouffer (US 4,508,267) does not disclose a full coverage area spray but instead discloses a spray which sweeps back and forth repeatedly in the same straight line across the output. The walls of the oscillating chamber are not defined by a line revolved about an axial line passing through said inlet aperture and said outlet aperture d_2 . There is no:

...basic toroid flow pattern that remains captive within the confines of said oscillation chamber, said toroid spinning about its cross-sectional axis and being supplied energy from said jet of liquid issued into said oscillation chamber, said toroidal flow pattern having diametrically opposed cross-sections which rotate about said axial line and alternate in size to cause said jet to move in a plurality of radial paths....

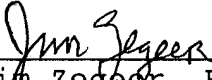
as defined in new claim 8; and the jet does not randomly traverse different radial paths at each sweep whereby there is a random sweeping of the jet issuing from the outlet aperture over the area. In other words, the Stouffer (US 4,508,267) patent provides a linear spray output and not an area spray of the character disclosed in Figure 5. Numerals "31" and "32" are vortices and do

not constitute a "toroid flow pattern that remains captive within the confines of said oscillation chamber."

In short, the fan spray of the Stouffer (US 4,508,267) patent is not an area spray.

In view of the above, further and favorable reconsideration is respectfully requested. It is believed that, since all independent (claims 1, 8 and 13) are generic, all claims now in the application are patentable.

Respectfully submitted,



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In the event this paper is deemed not timely filed, the applicant hereby petitions for an appropriate extension of time. The fee for this extension may be charged to Deposit Account No. 26-0090 along with any other additional fees which may be required with respect to this paper.